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PATENT
Attorney Docket No.: 015270-006441US
Client Reference No.: 228-US-NEW2C1

TOWNSEND and TOWNSEND and CREW LLP

By: Rosemarie L. Celli

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#14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Anderson, John P. et al.

Application No.: 09/723,722

Filed: November 28, 2000

For: BETA-SECRETASE ENZYME
COMPOSITIONS AND METHODS

Examiner: Celine Qian

Art Unit: 1636

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/471,669, filed December 24, 1999 (Attorney Docket No. 015270-006430US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Cite no. 78 is a copy of the International Search Report issued for the corresponding International application, PCT/US00/03819. Cite No. 65 is a copy of a press release announcing that Elan Corporation, plc and Pharmacia Corporation entered into a research collaboration focused on the discovery of small molecule inhibitors of beta-secretase for the treatment of Alzheimer's disease. Elan Pharmaceuticals, Inc. assignee of the instant application, is affiliated with Elan Corporation, plc.

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Applicants also cite commonly owned copending applications and issued patents directed to related subject matter:

08/480,498, filed 06/07/95, issuing as US Patent 5,744,346 on April 28, 1998;
08/485,152, filed 06/07/95;
08/659,984, filed 06/07/96, issuing as US Patent 5,942,400 on August 24, 1999;
08/660,531, filed 06/07/96, issuing as US Patent 6,221,645 on April 24, 2001;
09/054,334, filed 04/02/98, issuing as US Patent 6,329,163 on December 11, 2001;
09/404,578, filed 09/23/99;
09/471,669, filed 12/24/99;
09/501,708, filed 02/10/00;
09/723,739, filed 11/28/00;
09/724,568, filed 11/28/00;
09/724,566, filed 11/28/00;
09/724,569, filed 11/28/00;
09/724,571, filed 11/28/00; and,
10/099,922, filed 03/15/02;

Applicants further cites the following commonly owned abandoned applications directed to related subject matter:

60/114,408, filed 12/31/98;
60/119,571, filed 02/10/99;
60/139,172, filed 06/15/99;
60/168,854, filed 12/02/99; and,
09/730,329, filed 12/04/00.

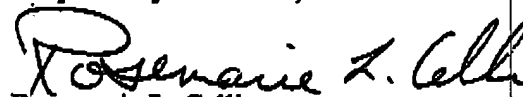
As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

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This Information Disclosure Statement has been filed prior to receipt of the first Office Action on the merits, and consequently should be considered by the Patent Office without payment of a fee according to 37 CFR §1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


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PA 3274427 v1

PTO/SB/088 (10-01)

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/723,722
		Filing Date	November 28, 2000
		First Named Inventor	John P. Anderson
		Art Unit	1636
		Examiner Name	Celine Qian
		Attorney Docket Number	015270-008441US
Sheet	5	of	6

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	71	Hussain, et al., Identification of a Novel Aspartic Protease (Asp 2) as β -Secretase, <i>Molecular and Cellular Neuroscience</i> , 14: 419-427 (1999).	
	72	Kang, et al., The Precursor of Alzheimer's Disease Amyloid A4 Protein Resembles a Cell-Surface Receptor, <i>Nature</i> , 325: 733-736 (February 19, 1987).	
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Attorney Docket Number	015270-006441US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	80	Seubert, et al. Secretion of β -amyloid Precursor Protein Cleaved at the Amino Terminus of the β -amyloid Peptide, <i>Nature</i> , 361: 260-263 (January 21, 1993).	
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	70	Hirosawa, et al., Characterization of cDNA Clones Selected by the GeneMark Analysis from Size-Fractionated cDNA Libraries From Human Brain, <i>DNA Res.</i> , 6(5): 329-336 (October 29, 1999).	

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